

Applicant: Phillips et al.
Application Serial No. 09/735,363
Amendment and Response to Non-Final Office Action
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AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A composition, comprising a 2 to 20 base 3'-OH, 5'-OH synthetic phosphodiester nucleotide sequence, ~~wherein the nucleotide sequence consists of a sequence selected from the group consisting of $(G_xT_y)_n$, $(T_yG_x)_n$, $a(G_xT_y)_n$, $a(T_yG_x)_n$, $(G_xT_y)_nb$, $(T_yG_x)_nb$, $a(G_xT_y)_nb$, and $a(T_yG_x)_nb$, wherein x and y are each an integer between 1 and 7, n is an integer between 1 and 12, a and b are one or more As, Cs, Gs or Ts, provided bases in the sequence are between 2 and 20 in total, and a pharmaceutically acceptable carrier, wherein the synthetic phosphodiester nucleotide sequence is selected from the group consisting of SEQ ID NOs:8-10, 25, 26, 41-43, 45 and 46.~~

2-4. (Cancelled)

5. (Previously presented) The composition of Claim 1, further comprising a chemotherapeutic agent.

6-9. (Cancelled)

10. (Previously presented) The composition of Claim 5, wherein the chemotherapeutic agent is an antimetabolite, an alkylating agent, or a hormone antagonist.

11-58. (Cancelled)

59. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:8.

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60. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:9.

61. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:10.

62. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:25.

63. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:26.

64. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:41.

65. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:42.

66. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:43.

67. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:45.

68. (New) The composition of Claim 1, wherein the synthetic phosphodiester nucleotide sequence is SEQ ID NO:46.

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